

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
 Data File : BF143405.D
 Acq On : 15 Aug 2025 06:51
 Operator : RC/JU
 Sample : Q2815-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-10P-E

Quant Time: Aug 15 07:48:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:25:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

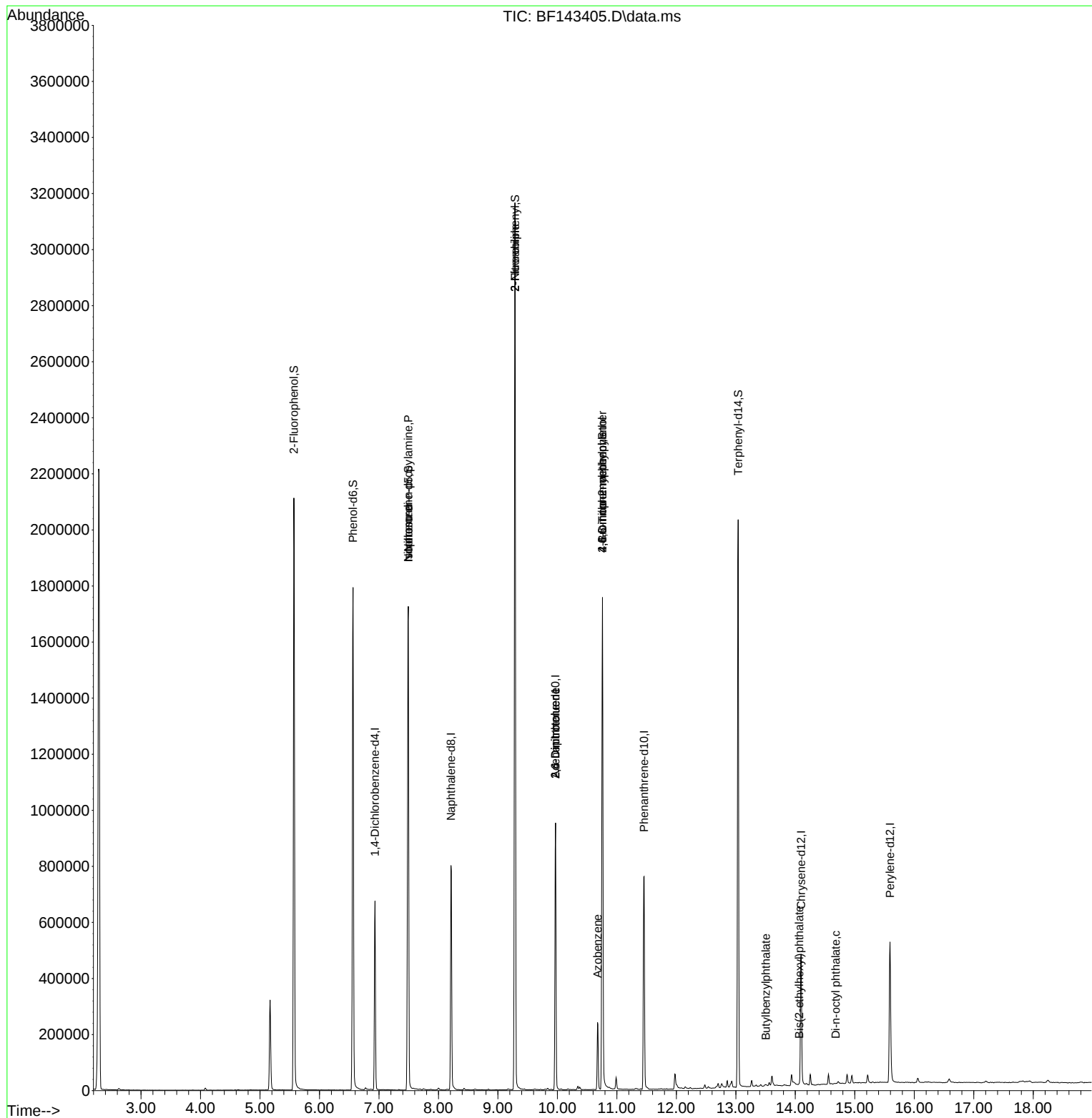
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	142072	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	539316	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	291303	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	417383	20.000	ng	0.00
76) Chrysene-d12	14.098	240	249094	20.000	ng	0.00
86) Perylene-d12	15.592	264	314728	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	780126	94.955	ng	0.00
7) Phenol-d6	6.563	99	830604	78.837	ng	0.00
23) Nitrobenzene-d5	7.492	82	807058	93.189	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	318911	149.800	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1424272	82.911	ng	0.00
79) Terphenyl-d14	13.039	244	1004920	72.026	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.492	70	109238	16.780	ng	# 78
25) Isophorone	7.492	82	794625	44.945	ng	# 65
48) 2-Nitroaniline	9.286	65	2338	3.237	ng	# 1
51) 2,6-Dinitrotoluene	9.969	165	37024	13.748	ng	# 21
57) 2,4-Dinitrotoluene	9.969	165	37025	11.132	ng	# 19
63) Azobenzene	10.674	77	62891	3.611	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.757	198	566	7.545	ng	# 1
67) 4-Bromophenyl-phenylether	10.757	248	20302	4.253	ng	# 1
80) Butylbenzylphthalate	13.504	149	395	3.440	ng	# 40
84) Bis(2-ethylhexyl)phtha...	14.068	149	3006	4.443	ng	# 90
85) Di-n-octyl phthalate	14.680	149	466	6.058	ng	# 70

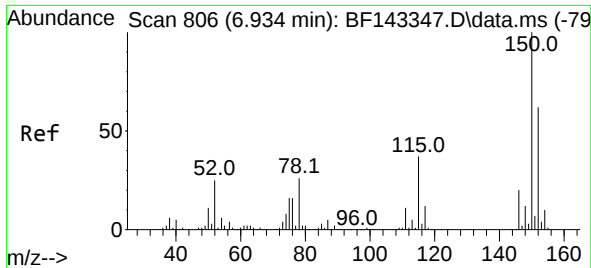
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
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Response via : Initial Calibration

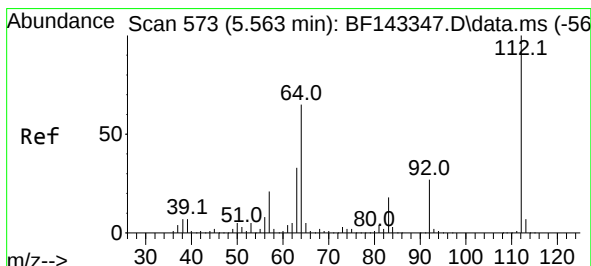
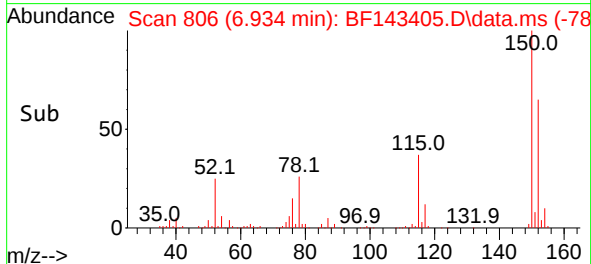
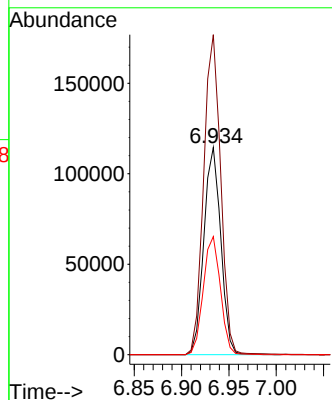
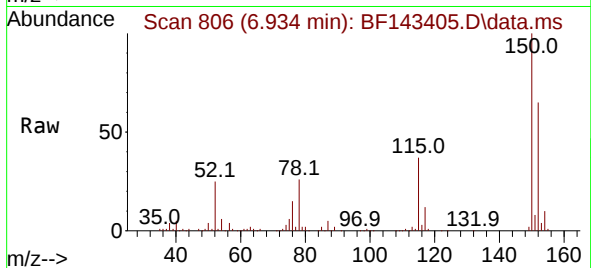




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.934 min Scan# 806
 Delta R.T. -0.000 min
 Lab File: BF143405.D
 Acq: 15 Aug 2025 06:51

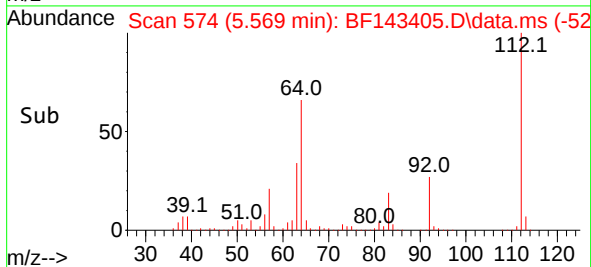
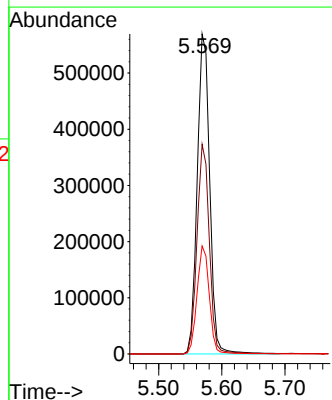
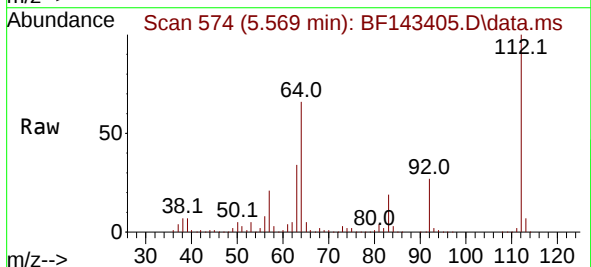
Instrument :
 BNA_F
 ClientSampleId :
 TW-10P-E

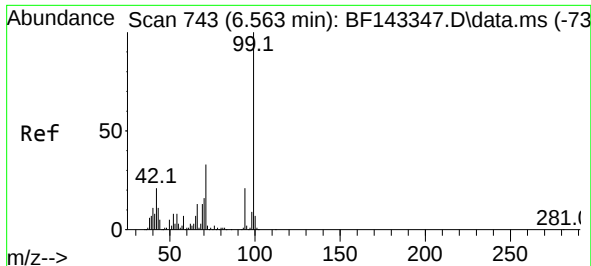
Tgt Ion:152 Resp: 142072
 Ion Ratio Lower Upper
 152 100
 150 154.5 129.8 194.8
 115 57.0 47.8 71.8



#5
 2-Fluorophenol
 Concen: 94.955 ng
 RT: 5.569 min Scan# 574
 Delta R.T. 0.006 min
 Lab File: BF143405.D
 Acq: 15 Aug 2025 06:51

Tgt Ion:112 Resp: 780126
 Ion Ratio Lower Upper
 112 100
 64 65.5 52.1 78.1
 63 33.8 26.6 39.8

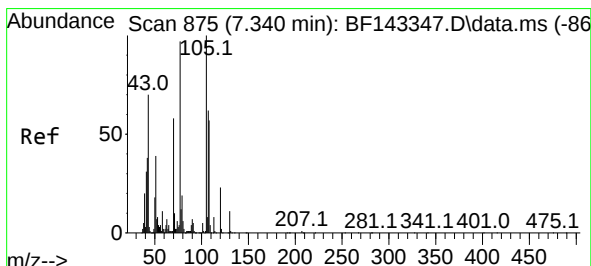
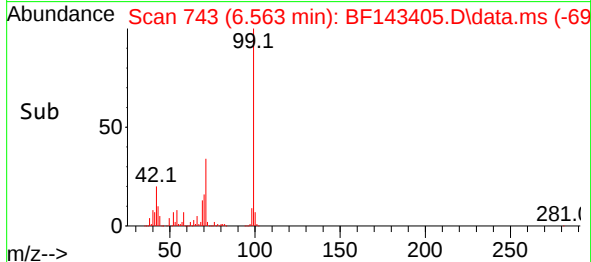
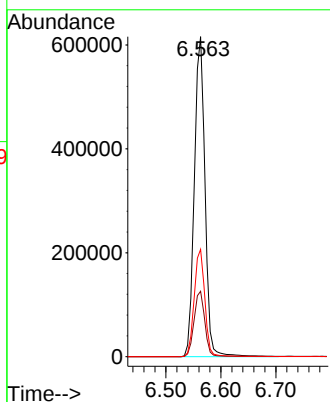
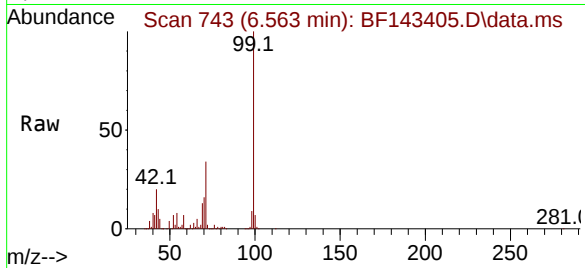




#7
Phenol-d6
Concen: 78.837 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF143405.D
Acq: 15 Aug 2025 06:51

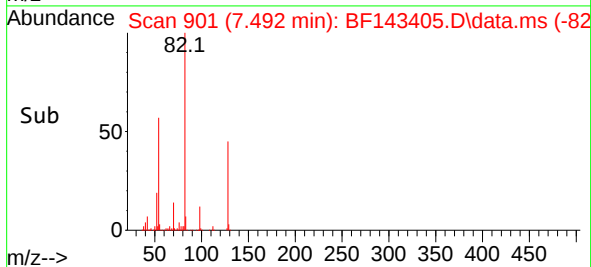
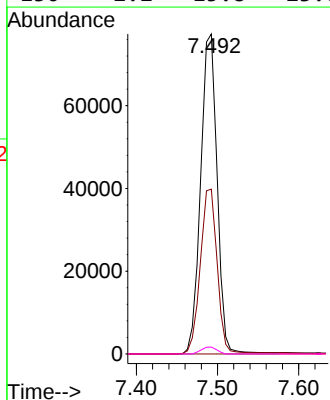
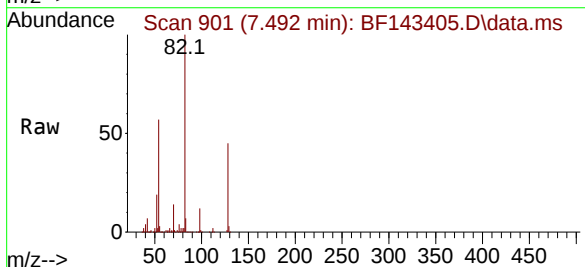
Instrument :
BNA_F
ClientSampleId :
TW-10P-E

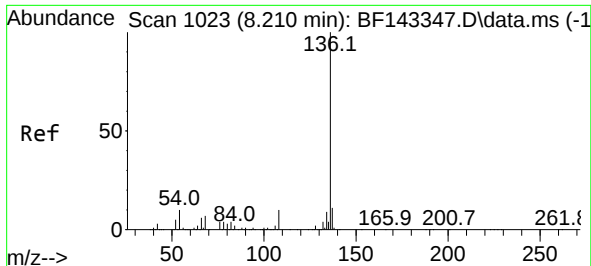
Tgt Ion: 99 Resp: 830604
Ion Ratio Lower Upper
99 100
42 20.4 16.6 25.0
71 33.6 26.2 39.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.780 ng
RT: 7.492 min Scan# 901
Delta R.T. 0.153 min
Lab File: BF143405.D
Acq: 15 Aug 2025 06:51

Tgt Ion: 70 Resp: 109238
Ion Ratio Lower Upper
70 100
42 51.5 51.6 77.4#
101 0.0 7.5 11.3#
130 2.2 15.8 23.6#

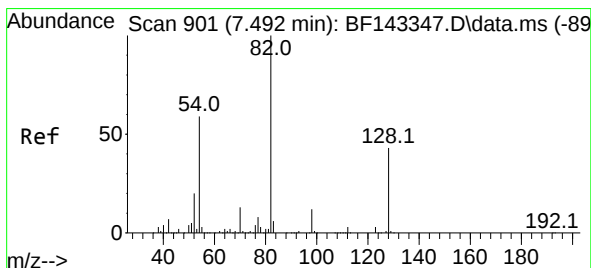
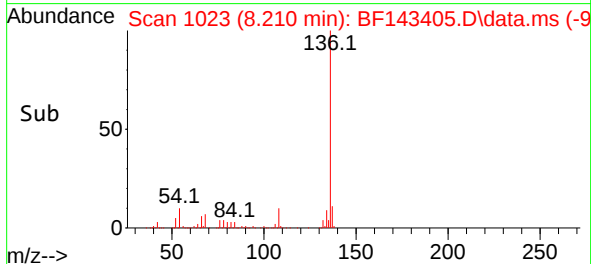
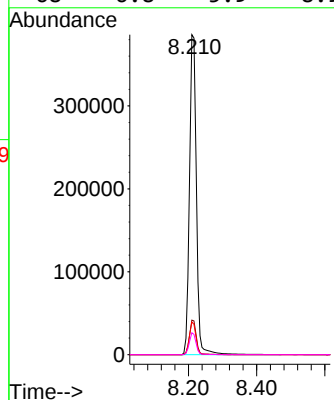
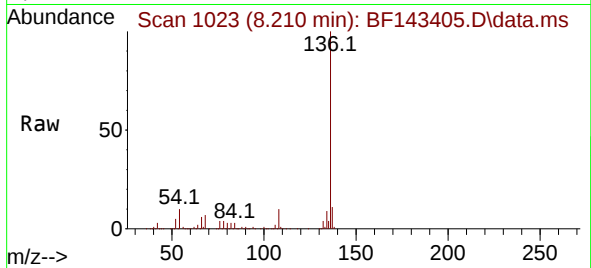




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF143405.D
Acq: 15 Aug 2025 06:51

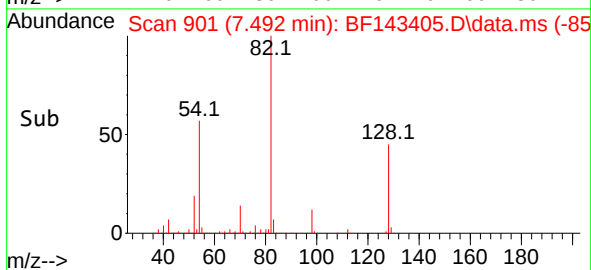
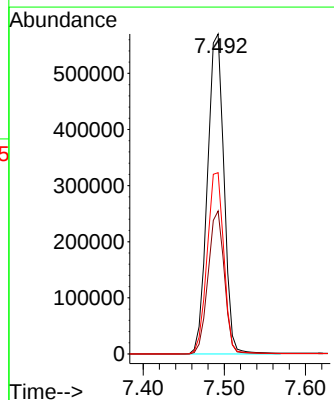
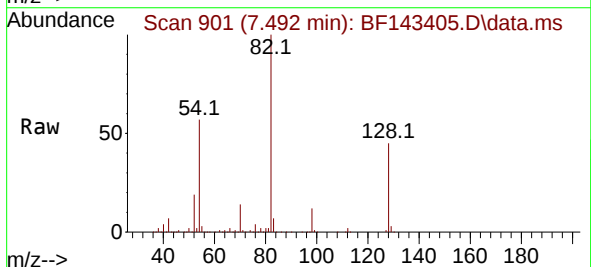
Instrument :
BNA_F
ClientSampleId :
TW-10P-E

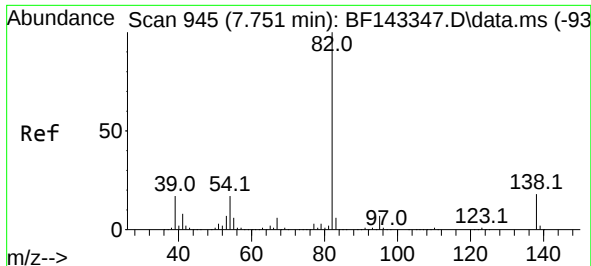
Tgt Ion:	136	Resp:	539316
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	10.2	8.4	12.6
68	6.8	5.9	8.9



#23
Nitrobenzene-d5
Concen: 93.189 ng
RT: 7.492 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF143405.D
Acq: 15 Aug 2025 06:51

Tgt Ion:	82	Resp:	807058
Ion	Ratio	Lower	Upper
82	100		
128	44.7	33.5	50.3
54	56.6	46.7	70.1

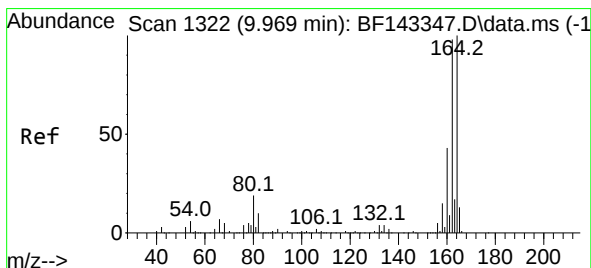
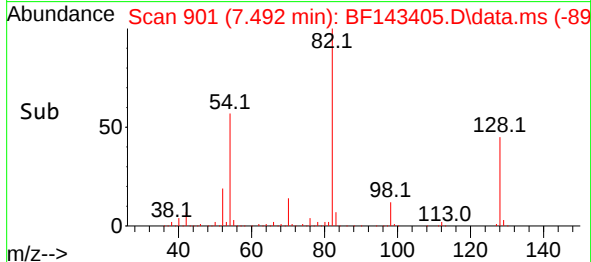
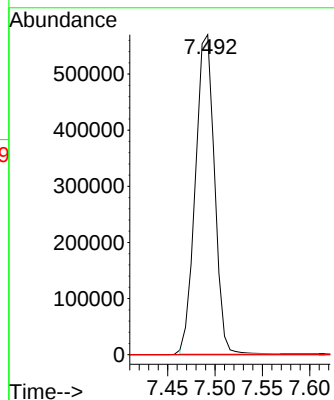
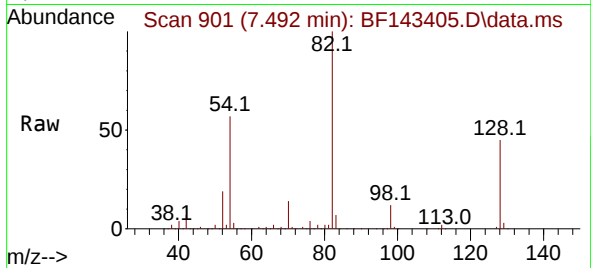




#25
Isophorone
Concen: 44.945 ng
RT: 7.492 min Scan# 901
Delta R.T. -0.259 min
Lab File: BF143405.D
Acq: 15 Aug 2025 06:51

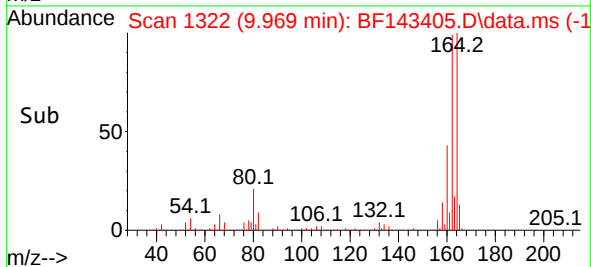
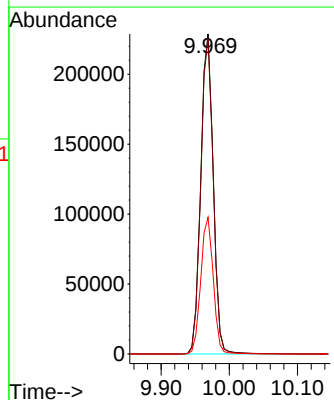
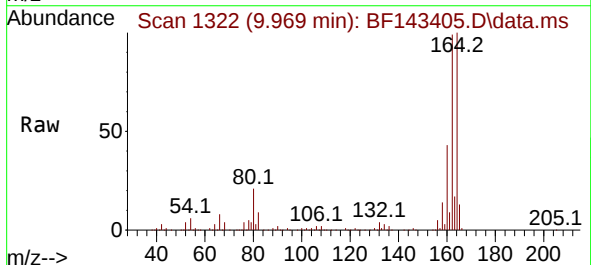
Instrument :
BNA_F
ClientSampleId :
TW-10P-E

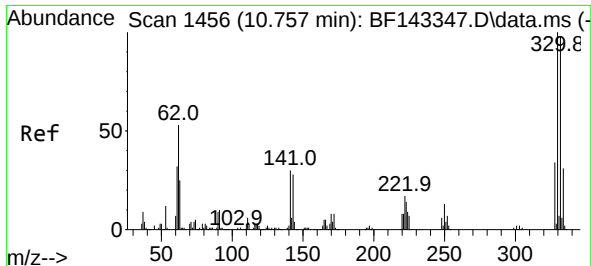
Tgt Ion: 82 Resp: 794625
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF143405.D
Acq: 15 Aug 2025 06:51

Tgt Ion:164 Resp: 291303
Ion Ratio Lower Upper
164 100
162 98.6 78.6 118.0
160 42.7 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 149.800 ng

RT: 10.757 min Scan# 1456

Delta R.T. -0.000 min

Lab File: BF143405.D

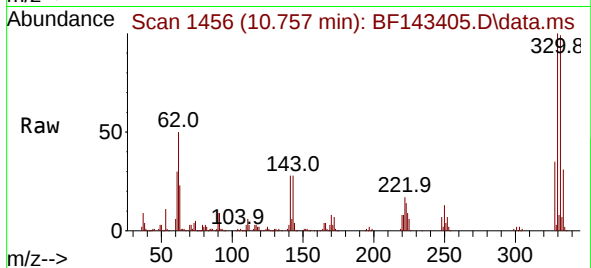
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Instrument :

BNA_F

ClientSampleId :

TW-10P-E



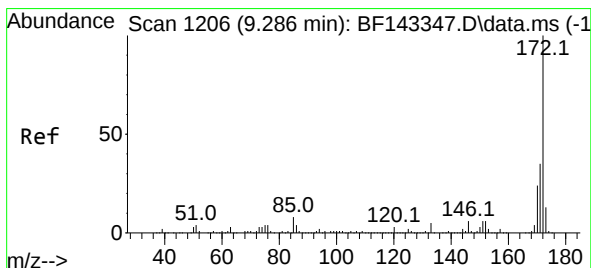
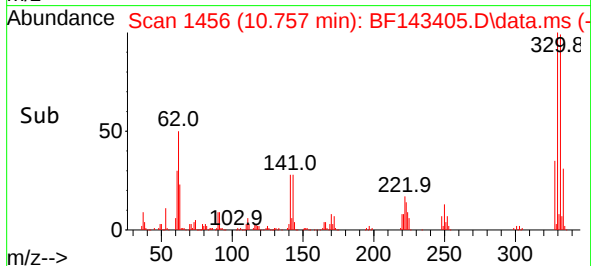
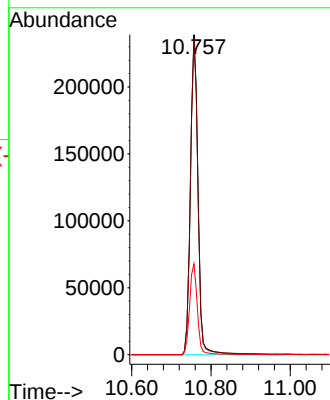
Tgt Ion:330 Resp: 318911

Ion Ratio Lower Upper

330 100

332 98.3 78.1 117.1

141 29.3 25.4 38.0



#45

2-Fluorobiphenyl

Concen: 82.911 ng

RT: 9.286 min Scan# 1206

Delta R.T. -0.000 min

Lab File: BF143405.D

Acq: 15 Aug 2025 06:51

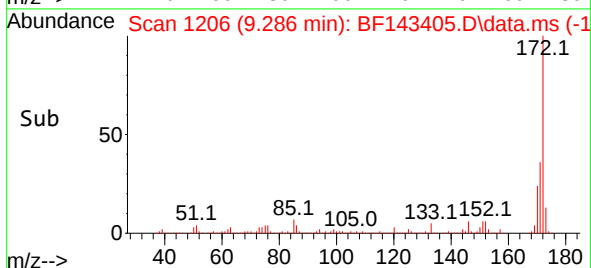
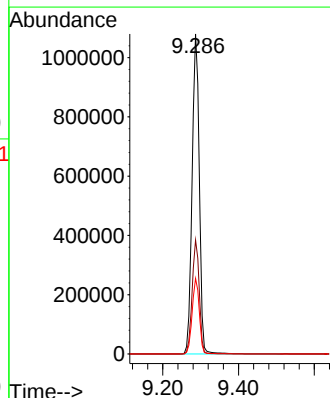
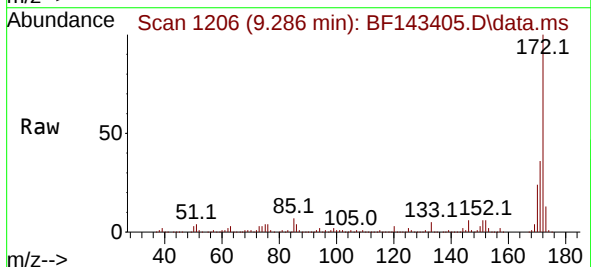
Tgt Ion:172 Resp: 1424272

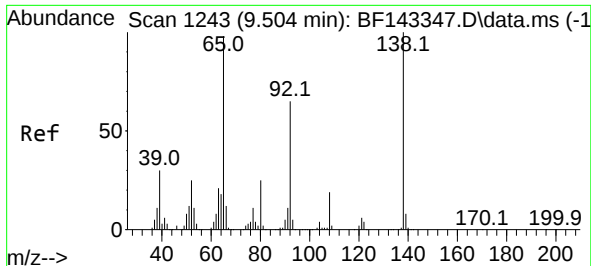
Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.6 19.1 28.7

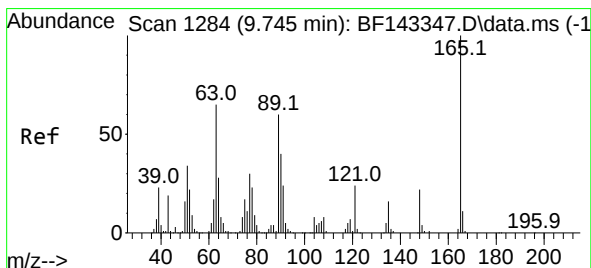
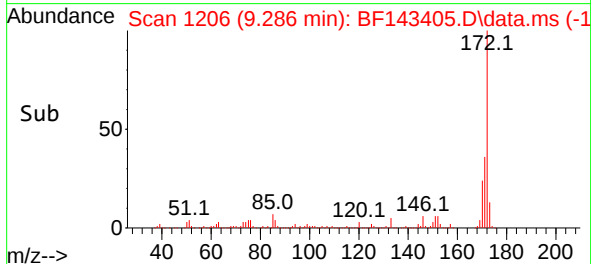
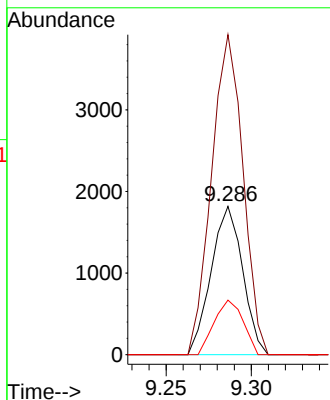
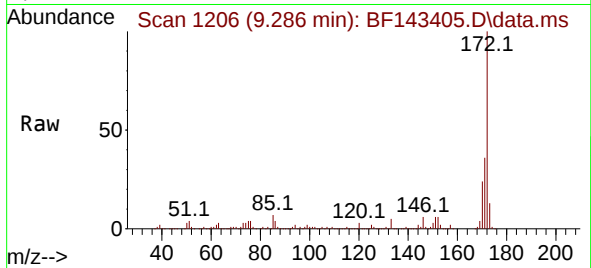




#48
2-Nitroaniline
Concen: 3.237 ng
RT: 9.286 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF143405.D
Acq: 15 Aug 2025 06:51

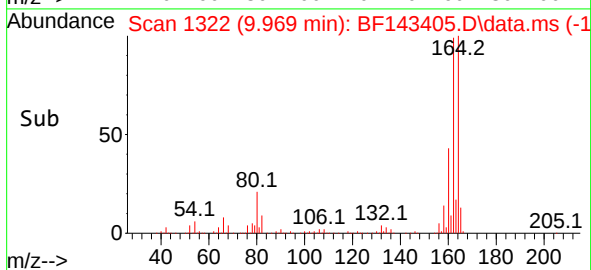
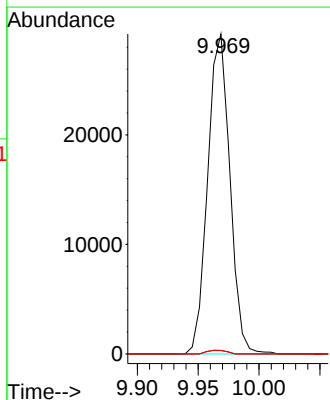
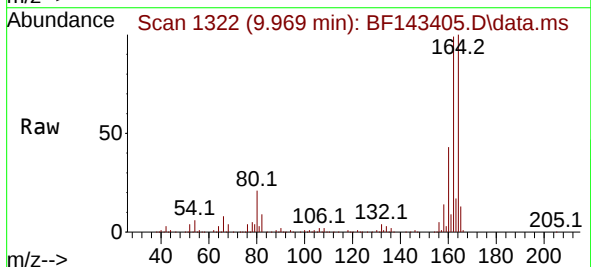
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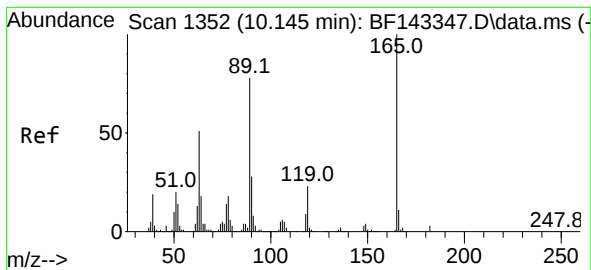
Tgt Ion: 65 Resp: 2338
Ion Ratio Lower Upper
65 100
92 215.7 53.1 79.7#
138 36.8 81.4 122.0#



#51
2,6-Dinitrotoluene
Concen: 13.748 ng
RT: 9.969 min Scan# 1322
Delta R.T. 0.224 min
Lab File: BF143405.D
Acq: 15 Aug 2025 06:51

Tgt Ion:165 Resp: 37024
Ion Ratio Lower Upper
165 100
63 1.1 51.6 77.4#
89 1.1 47.7 71.5#

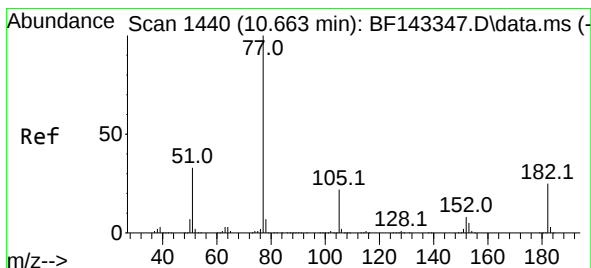
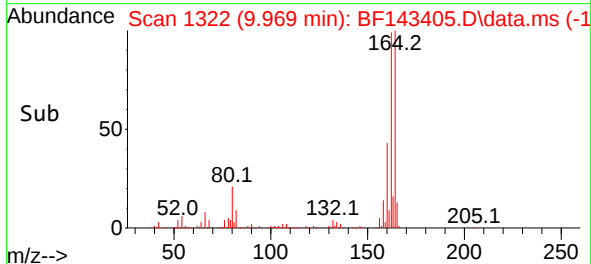
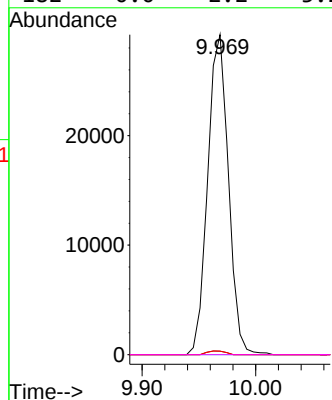
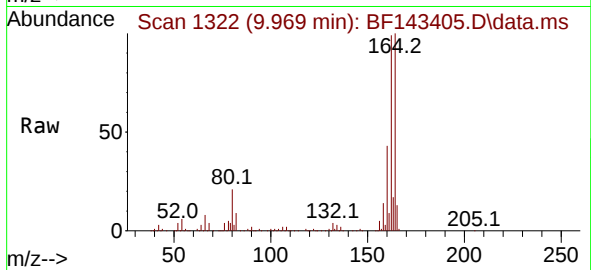




#57
2,4-Dinitrotoluene
Concen: 11.132 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.176 min
Lab File: BF143405.D
Acq: 15 Aug 2025 06:51

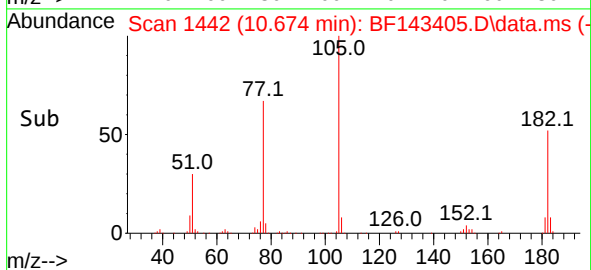
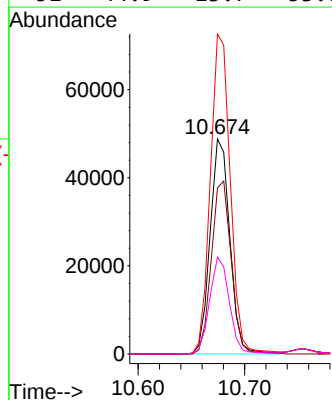
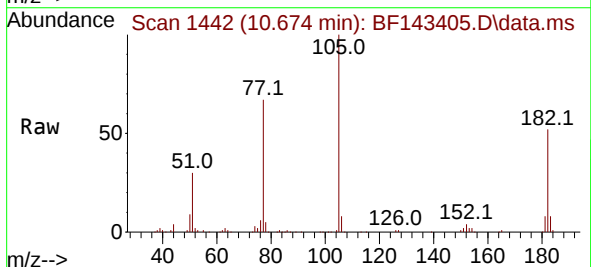
Instrument :
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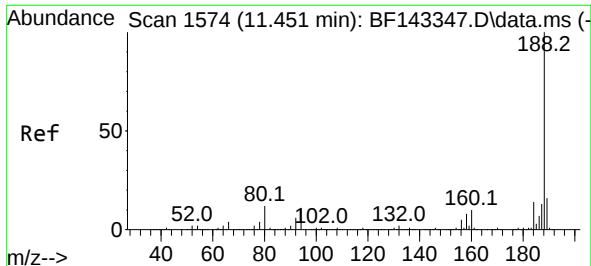
Tgt Ion:165 Resp: 37025
Ion Ratio Lower Upper
165 100
63 1.1 41.8 62.8#
89 1.1 62.4 93.6#
182 0.0 2.2 3.2#



#63
Azobenzene
Concen: 3.611 ng
RT: 10.674 min Scan# 1442
Delta R.T. 0.012 min
Lab File: BF143405.D
Acq: 15 Aug 2025 06:51

Tgt Ion: 77 Resp: 62891
Ion Ratio Lower Upper
77 100
182 77.2 4.4 44.4#
105 148.9 1.8 41.8#
51 44.9 13.7 53.7

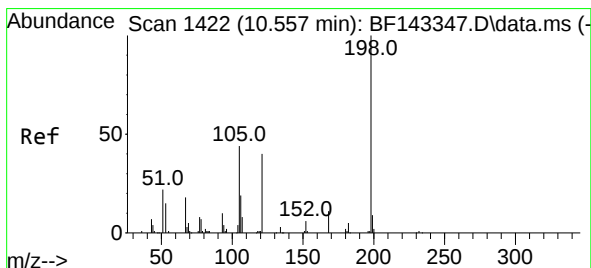
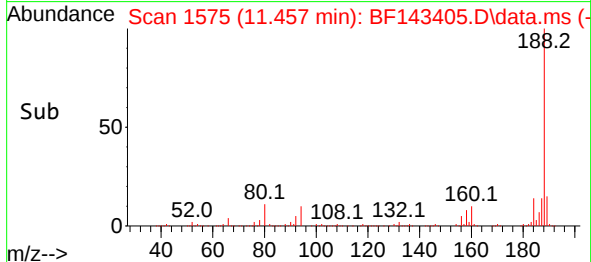
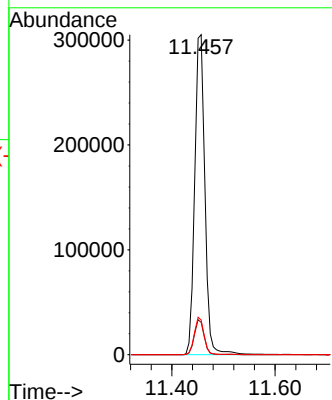
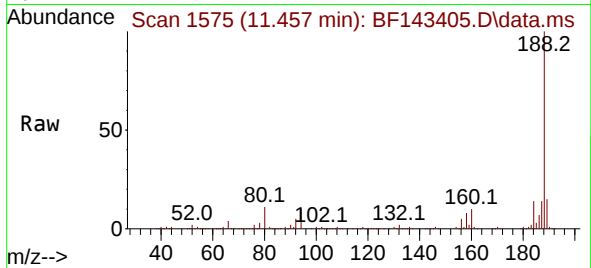




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143405.D
Acq: 15 Aug 2025 06:51

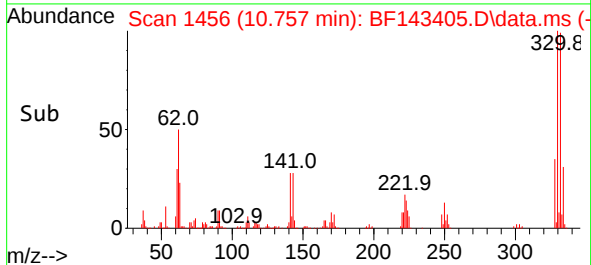
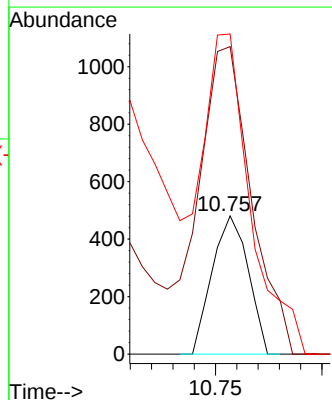
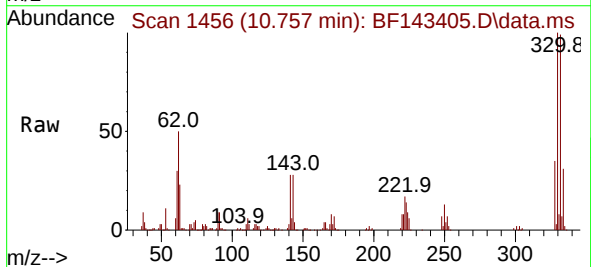
Instrument :
BNA_F
ClientSampleId :
TW-10P-E

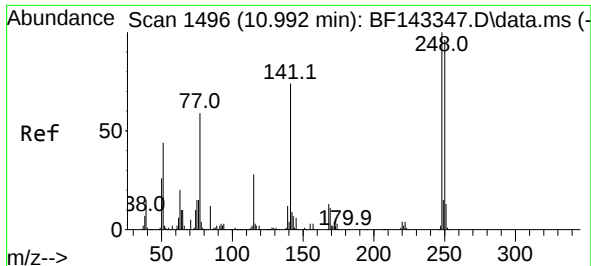
Tgt Ion:188 Resp: 417383
Ion Ratio Lower Upper
188 100
94 10.1 8.8 13.2
80 10.8 9.7 14.5



#65
4,6-Dinitro-2-methylphenol
Concen: 7.545 ng
RT: 10.757 min Scan# 1456
Delta R.T. 0.200 min
Lab File: BF143405.D
Acq: 15 Aug 2025 06:51

Tgt Ion:198 Resp: 566
Ion Ratio Lower Upper
198 100
51 222.5 41.7 81.7#
105 231.6 26.8 66.8#

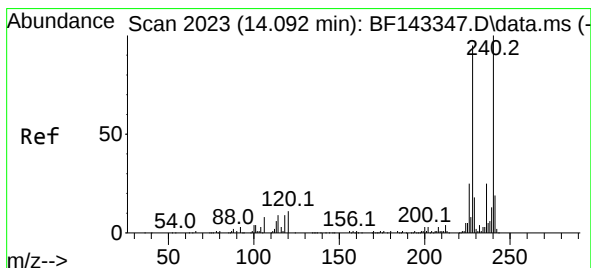
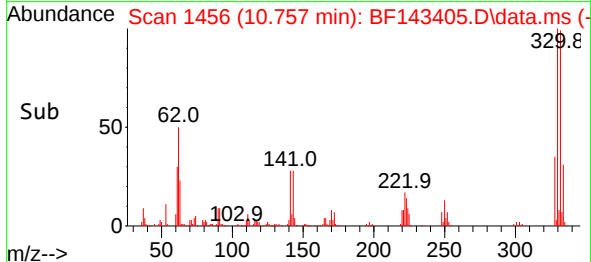
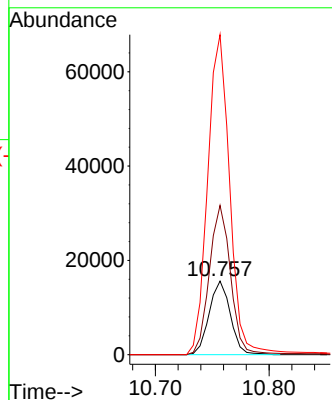
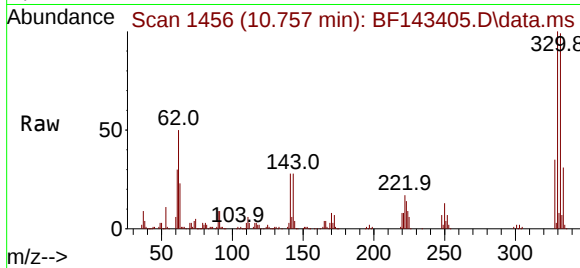




#67
4-Bromophenyl-phenylether
Concen: 4.253 ng
RT: 10.757 min Scan# 14
Delta R.T. -0.235 min
Lab File: BF143405.D
Acq: 15 Aug 2025 06:51

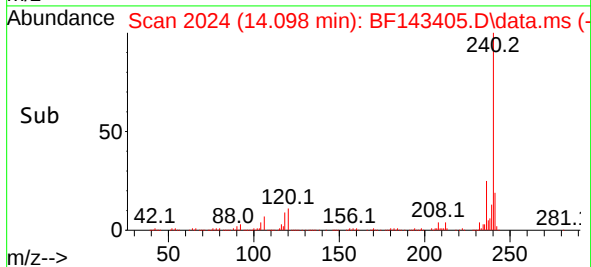
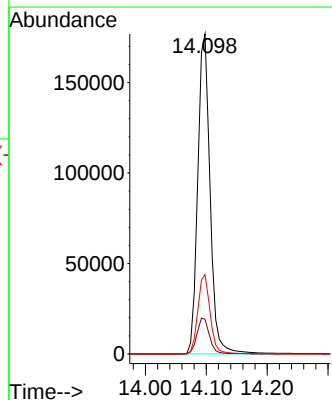
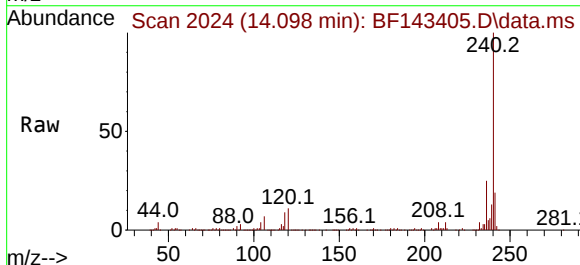
Instrument :
BNA_F
ClientSampleId :
TW-10P-E

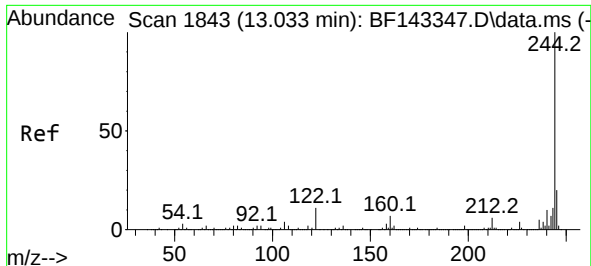
Tgt Ion:248 Resp: 20302
Ion Ratio Lower Upper
248 100
250 202.8 77.1 115.7#
141 434.9 59.1 88.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF143405.D
Acq: 15 Aug 2025 06:51

Tgt Ion:240 Resp: 249094
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.6
236 24.8 19.9 29.9

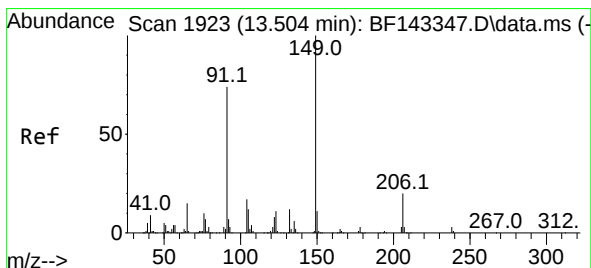
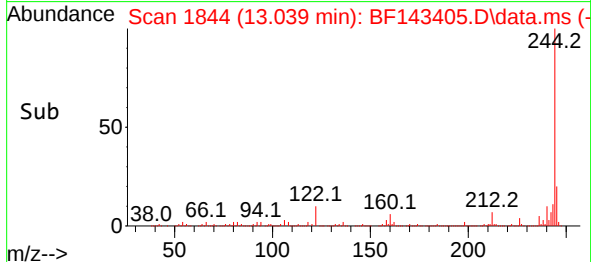
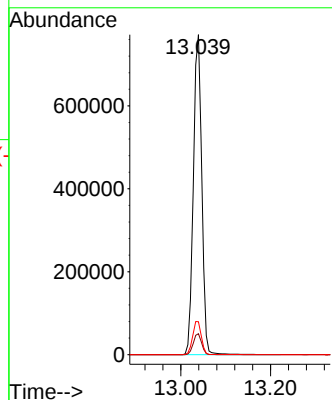
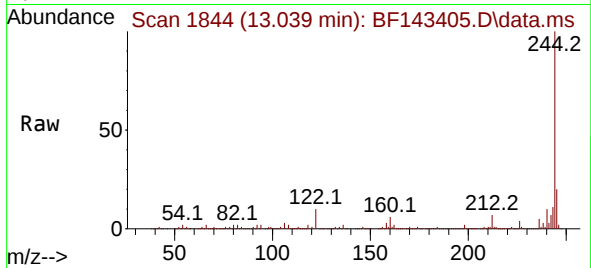




#79
 Terphenyl-d14
 Concen: 72.026 ng
 RT: 13.039 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF143405.D
 Acq: 15 Aug 2025 06:51

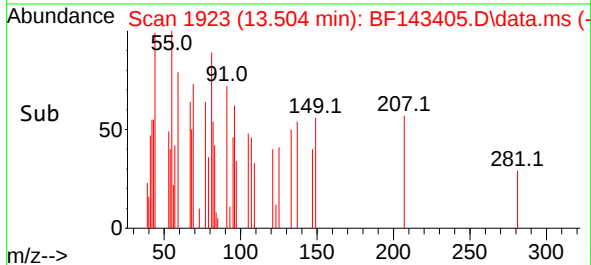
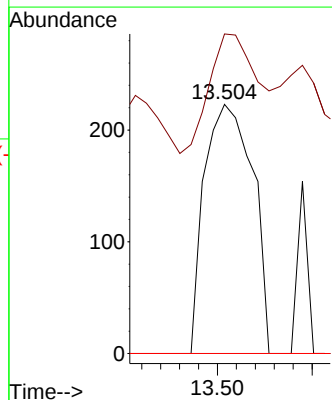
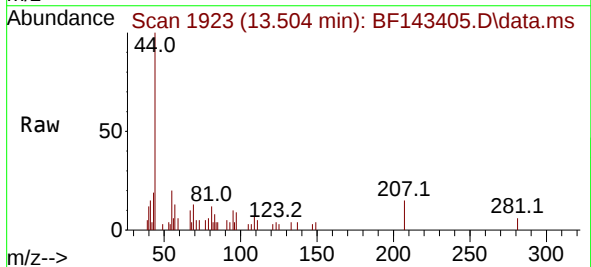
Instrument :
 BNA_F
 ClientSampleId :
 TW-10P-E

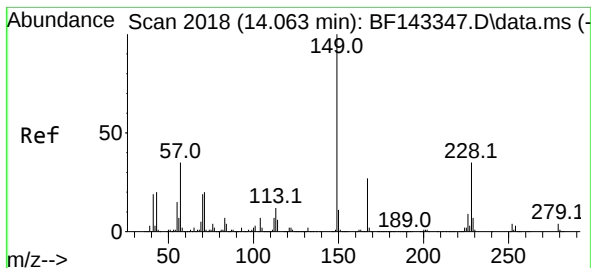
Tgt Ion:244 Resp: 1004920
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 10.3 8.9 13.3



#80
 Butylbenzylphthalate
 Concen: 3.440 ng
 RT: 13.504 min Scan# 1923
 Delta R.T. -0.000 min
 Lab File: BF143405.D
 Acq: 15 Aug 2025 06:51

Tgt Ion:149 Resp: 395
 Ion Ratio Lower Upper
 149 100
 91 128.3 58.8 88.2#
 206 0.0 16.4 24.6#

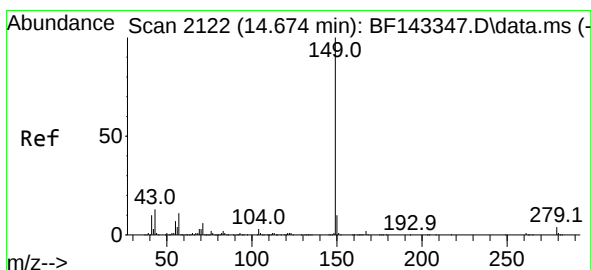
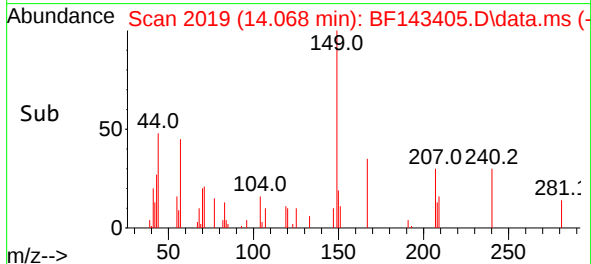
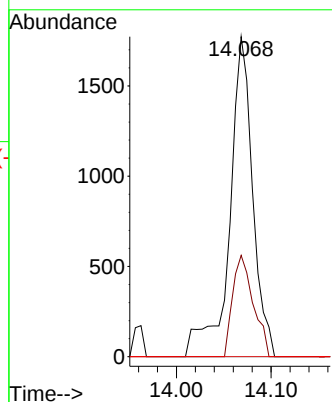
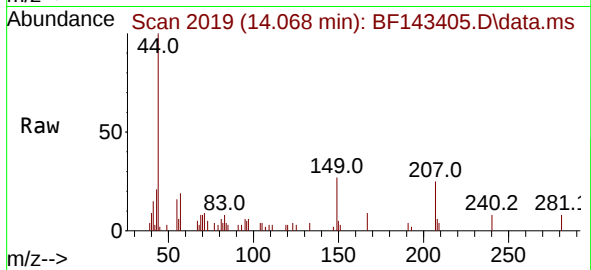




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.443 ng
 RT: 14.068 min Scan# 2018
 Delta R.T. 0.005 min
 Lab File: BF143405.D
 Acq: 15 Aug 2025 06:51

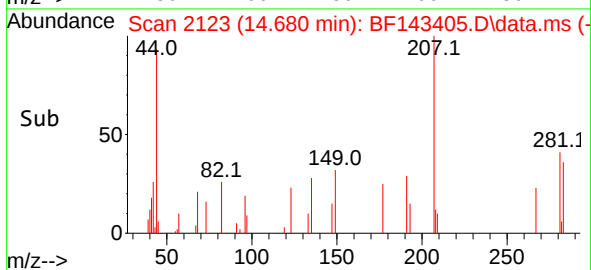
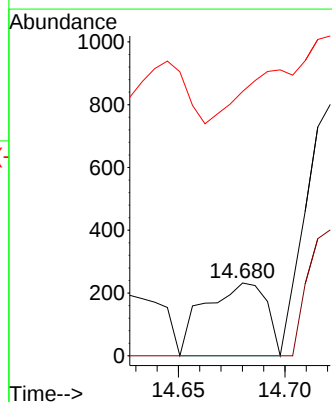
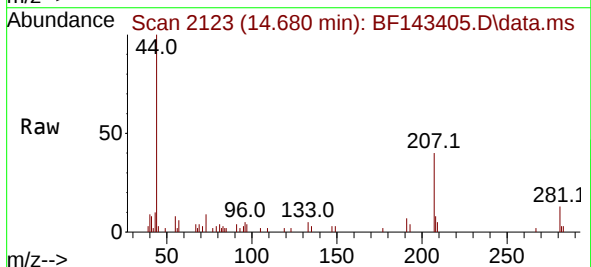
Instrument :
 BNA_F
 ClientSampleId :
 TW-10P-E

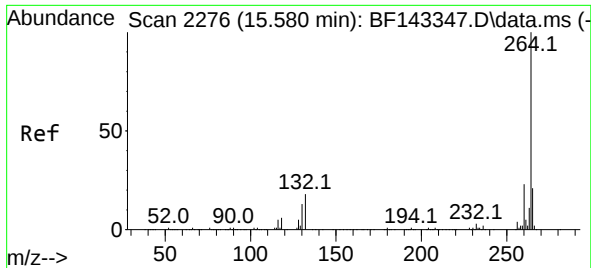
Tgt Ion:149 Resp: 3006
 Ion Ratio Lower Upper
 149 100
 167 31.6 21.4 32.0
 279 0.0 3.2 4.8#



#85
 Di-n-octyl phthalate
 Concen: 6.058 ng
 RT: 14.680 min Scan# 2123
 Delta R.T. 0.006 min
 Lab File: BF143405.D
 Acq: 15 Aug 2025 06:51

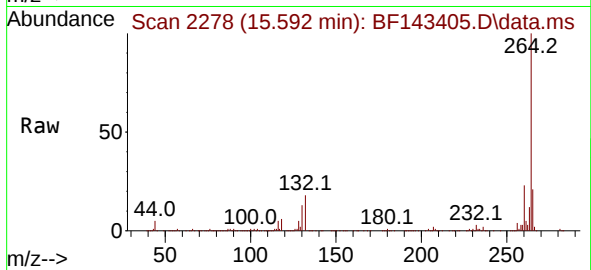
Tgt Ion:149 Resp: 466
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 0.0 10.8 16.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF143405.D
Acq: 15 Aug 2025 06:51

Instrument :
BNA_F
ClientSampleId :
TW-10P-E



Tgt Ion:264 Resp: 314728
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 21.5 17.2 25.8

